

Snell

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AMC Series
AMC 6030



AN IN-CEILING VERSION OF SNELL'S MOST SUCCESSFUL LCR

To achieve the performance capabilities of a freestanding monitor, the flush-mount design used in the AMC 6030 overcomes three major factors that limited in-ceiling speaker performance. First, to insure predictable response, regardless of placement or construction type, the dual 5 1/4-inch woofers and low resonance tweeter are placed inside a sealed, aluminum enclosure, which defines bass response, just like a conventional loudspeaker's enclosure, and reduces sound transfer through the ceiling cavity to other rooms. Second, specific materials are used to control resonance. The drivers are mounted to a well-braced and damped aluminum baffle, to enhance bass/midrange clarity and deaden wall resonance. The baffle is then welded to the well-damped, heavy gauge aluminum enclosure. Third, since flush mount speakers fail to produce a proper soundstage, the driver plane steers energy from above the ceiling line toward the listening area, at a 45-degree angle. The adjacent surfaces are lined with sound deadening materials to prevent cabinet reflections from causing distortion. The result is open and clear sound that appears to be coming from the front instead of overhead. These attributes combine for a music or theater experience unheard of from an in-ceiling speaker. Designed by Snell's chief engineer Joe D'Appolito, the AMC 6030 shares drivers and crossover from Snell's in-room LCR7, in-wall AMC 830 and in-cabinet ICS 1030, re-engineered for the boundary and placement of a ceiling mount enclosure. The benefit is a quartet of models that can be mixed and matched to deliver the best music and theater experience possible while blending in to any décor or room condition.

AMC 6030

Design	Infinite Baffle, Back-Boxed, In-Ceiling LCR		
Frequency Response	70Hz-20kHz±3dB		
Sensitivity	89dB		
Nominal Impedance	4 Ohms		
Crossover Frequency	2kHz		
Recommended Amplifier Power	50-250 Watts		
Maximum Output (per pair)	110dB		
Placement	2" x 10" Joist Ceiling		
Drive Units	Tweeter:	1-inch SEAS Silk Dome	
	Woofer:	Two 5.25-inch Poly, 5mm Excursion	
Input Connection	Spring Loaded, Push Post, Accepts 12 Gauge Wire		
Dimensions	Finish:	Height:	15.6-inches
		Width:	15.6-inches
		Depth:	8.25-inches
Rough Opening:	Height:	14.38-inches	
	Width:	14.38-inches	
Mounting System	8 "dog-Leg" clamps		
Finishes	Cabinet:	White	
	Grille:	White, Perforated Metal 53% Open	
Manufactured by	Snell Acoustics, PO 3717, Peabody MA 01960		
	www.snellacoustics.com 978-538-6262 978-538-6266fax		